AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An apparatus for combining symbols received from multipaths in a CDMA communication system, comprising:

a plurality of fingers each for despreading a signal received in one path and extracting symbol data; and

a symbol combiner for receiving the symbol data from the plurality of fingers, <u>removing</u> excepting symbol data, whose sign is inverted due to fading, from the symbol data received from the plurality of fingers, and combining the <u>remaining</u> excepted symbol data.

2. (Original) The apparatus of claim 1, wherein the symbol combiner comprises: an energy determiner for calculating the energy of symbol data received from the fingers and outputting symbol data with energy higher than a threshold;

an effective path selector for outputting only symbol data with a sign corresponding to the majority sign among the symbol data received from the energy determiner; and

a channel combiner for accumulating the symbol data received from the effective path selector and outputting the accumulated symbol data.

- 3. (Original) The apparatus of claim 1, wherein the symbol data is a 2's complement of n bits.
- 4. (Original) An apparatus for combining symbols received from multi-paths in a CDMA communication system, comprising:

a plurality of fingers each having at least a fading component generator for generating a fading component by extracting a pilot signal from a signal received from a path, a channel demodulator for extracting symbol data by despreading the input signal, and a fading compensator for multiplying the symbol data by the fading component for channel compensation;

an energy determiner for calculating the energy of symbol data received from the fingers and outputting symbol data with energy higher than a threshold;

an effective path selector for outputting only symbol data with a sign corresponding to the majority sign among the symbol data received from the energy determiner; and

a channel combiner for accumulating the symbol data received from the effective path selector and outputting the accumulated symbol data.

- 5. (Original) The apparatus of claim 4, wherein the symbol data is a 2's complement of n bits.
- 6. (Original) An apparatus for combining symbols received from multi-paths in a CDMA communication system, comprising:

a first energy determiner and a second energy determiner for calculating the energy of corresponding I and Q channel symbol data and outputting symbol data with energy higher than a threshold:

a first effective path selector and a second effective path selector for outputting only symbol data with a sign corresponding to the majority sign among the symbol data received from the first and second energy determiners;

an I channel combiner and a Q channel combiner for accumulating the symbol data received from the first and second effective path selectors, respectively, and outputting the accumulated symbol data;

a switch for multiplexing the symbol data received from the I and Q channel combiners; and

a de-randomizer for XOR-gating the symbol data received from the switch and a predetermined long code and outputting the de-randomized symbol data.

7. (Original) A method for combining symbols received via multiple paths in a CDMA communication system, comprising the steps of:

receiving symbol data from a plurality of fingers;

calculating the energy of each received symbol data and comparing the energy with a threshold;

extracting symbol data with energy higher than the threshold as symbol data to be combined;

selecting symbol data having a sign corresponding to the majority sign by checking the signs of the extracted symbol data; and

combining the selected symbol data in symbol units through accumulation.

8. (Original) A method for combining symbols received via multiple paths in a CDMA communication system, comprising the steps of:

receiving symbol data from a plurality of fingers by an energy determiner; calculating the energy of each received symbol data and comparing the energy with a threshold by the energy determiner;

outputting symbol data with energy higher than the threshold to an effective path selector and setting symbol data with energy less than the threshold to 0s by the energy determiner;

checking the signs of the symbol data received from the energy determiner by the effective path selector;

setting symbol data with a sign different from the majority sign of the other symbol data to 0s and outputting the other majority data to a channel combiner by the effective path selector; and

combining the symbol data received from the effective path selector in symbol units through accumulation by the channel combiner.